

ABSTRACT OF THE DISCLOSURE

EFFICIENT READING OF A REMOTE FIRST IN FIRST OUT BUFFER

5

A method and system for a processor to efficiently accesses a remote First-in First-out (FIFO) buffer that is used to record event information. The access involves an interrupt mechanism when the FIFO transitions from the
10 empty state, a mechanism for reading a FIFO entry including FIFO state information, and a mechanism for reading large areas of the FIFO while maintaining the pointers and interrupt protocols.